



GLASS POWDER SAFETY DATASHEET

1. Manufacturer information

Product name : glass powder / recycled glass

Use : main industries using glass powder :
GLASS INDUSTRY

Provider :

IPAQ SA
ZI d'Anglumeau
BP 14
33450 IZON
FRANCE
Tel. : + 33 5 57 55 49 50
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2. Hazardous ingredients

Glass powder is not hazardous.

Main dangers

- health : risk of inhaling dusts
- environment : nil
- physico-chemical risks : nil
- specific risks : nil

3. Components information

Chemical components

- silica
- soda
- calcium oxide

Synonymous : sodiocalcic silicate ;
secondary raw material.

4. Health hazard data / First Aid

Actions required depending on the route of exposure :

- Inhalation : make breathe fresh air, take medical advice
- Ingestion : take medical advice
- Skin contact : nil
- Eye contact : rinse thoroughly and extensively with cold water, consult a doctor.

Actions to avoid : nil

Protection of the rescuers : nil

Instructions for the doctor : nil.

5. Fire and explosion hazard data

Does not burn. No hazardous emissions in case of a fire.

6. Actions required in case of accidental spread

Precautions

Avoid dust formation. You must wear a breathing device in case of dusty atmosphere or when doing handling operations which can generate dust.

In case of accidental spread, avoid sweep dry and use water spray or a drainage system aspiration to avoid the formation of dust.

Take off and wash dusty clothes.

Precautions for environmental protection : no special requirement.

7. Precautions for safe handling and storage

In case of storage in a confined space, be sure to avoid the formation of dust. Set up ventilation systems where dust is released. In case of insufficient ventilation, wear a suitable breathing device.

8. Exposure control / Personal equipment

Personal protective equipment

- **Airway:** in case of exposure to a dust rate superior to regulatory rates, wear a breathing mask which is conform to standards.
- **Hands:** wear rubber gloves over Kevlar® gloves.
- **Eyes:** wear safety glasses.
- **Skin and body:** nil.

9. Physico-chemical properties

- Physical status : solid
- SiO₂ > 71%
- Size : 0/40 mm
- Colour : green
- Odour : none
- Melting temperature : 850°C
- Flash point : not applicable
- Spontaneous flaming temperature : not applicable
- Explosibility characteristics : not applicable
- Steam pressure : not applicable
- Steam density : not applicable
- True density : 1,5 g/cm³
- Solubility : insoluble in water, soluble in hydrofluoric acid.

10. Stability and reactivity

Chemically stable, no particular incompatibility.

11. Toxicological information

Inhaling glass dust may irritate airways and cause breathing load pathologies.

12. Ecological information

No adverse effects are known.

13. Waste managing information

The waste produced by residues or unused products can be managed in waste landfills in accordance with local legislation.

Packaging : no specific requirement.

14. Transport related information

There is no particular safe practice concerning hazardous material transport regulation.

15. Regulatory information

The silica contained in that product is not crystallin silica. Professional exposure limiting values for this type of dust are those of dusts with « no specific effects » which are :

- 10 mg/m³ for respirable suspended particulates
- 5 mg/m³ for alveolar particulates (French Labor Code, articles R. 4222-10).

Glass powder contains some respirable suspended particulates (<100µm) and respirable or alveolar particulates which can spread out from the product, depending on the kind of handling operations.

16. Other information

Responsibility : this information is the state of our knowledge and we consider it as accurate and reliable at the time of updating this safety datasheet.

However, it does not express any view, a bond or any guarantee as to their degree of use, reliability or completeness.

It is the user's responsibility to ensure himself that this information is appropriate and complete given the particular use which is made of our product.

Mixing with third-party products:
insofar products not manufactured or not provided by our company are implemented with / to replace them, it is the responsibility of the client itself to obtain from the manufacturer or Vendor all technical data and other properties related to these other products and obtain all necessary information relating thereto.

No liability will be accepted on the use of our products in association with others.